







BARTLETT & COMPANY,
DESIGNERS, ENGRAVERS AND PRINTERS,
21-23 ROSE STREET, New YORK.

ILLUSTRATIONS

OF

STANDARD APPARATUS

MANUFACTURED BY THE

WESTINGHOUSE ELECTRIC AND MANUFACTURING CO.
PITTSBURG, PA.

DISTRICT OFFICES

NEW YORK, 120 BROADWAY BOSTON, 620 ATLANTIC AVENUE CHICAGO, PULLMAN BUILDING
PHILADELPHIA, GIRARD BUILDING

ST. LOUIS, AMERICAN CENTRAL BUILDING
CHARLOTTE, N. C., 36-38 COLLEGE STREET

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IN THE YEAR 1893

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PITTSBURG, PA.,

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AT WASHINGTON, D. C.

This album illustrates some of our Standard Apparatus that is fully explained in pamphlets which we will gladly furnish upon application.

Respectfully,

Westinghouse Electric & Manufacturing Company.

Pittsburg, Pa.,

June 7th. 1893.

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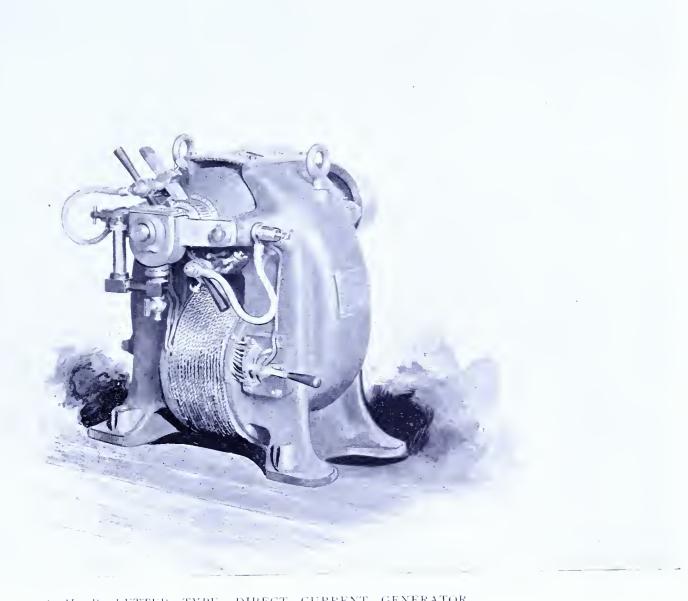
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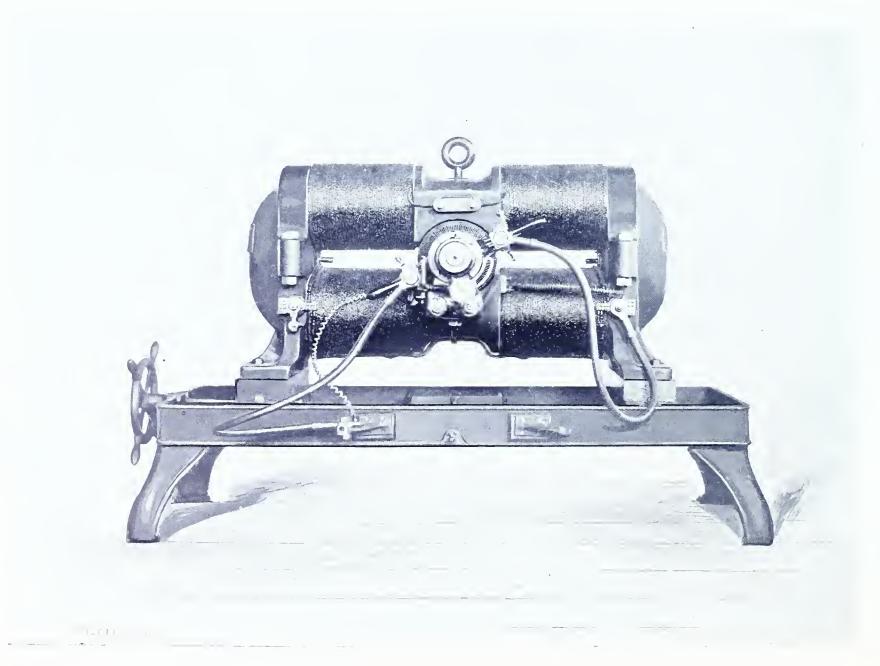
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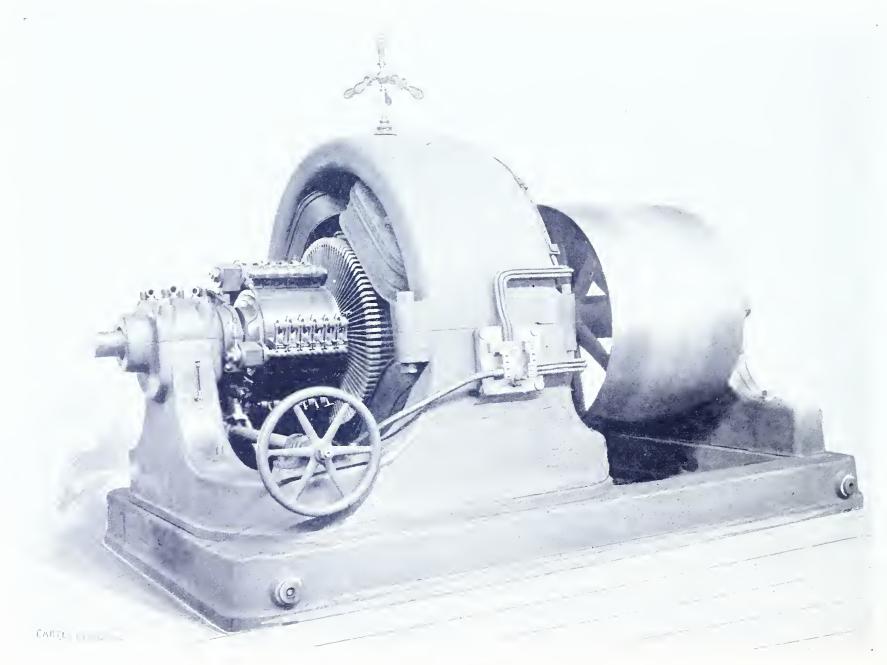
1 H. P. LETTER TYPE, DIRECT CURRENT GENERATOR.



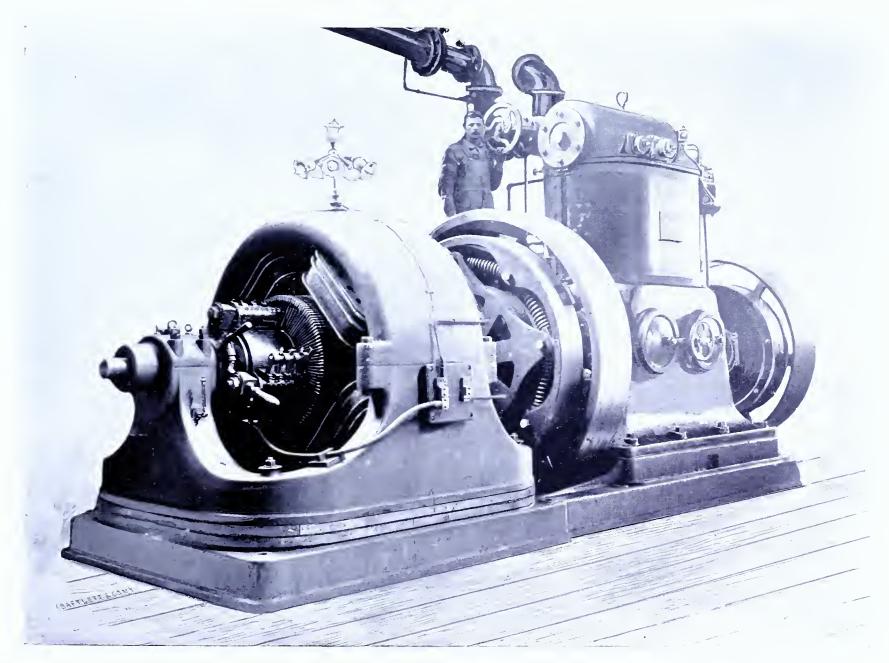
30 H. P. HORIZONTAL TYPE, DIRECT CURRENT GENERATOR.



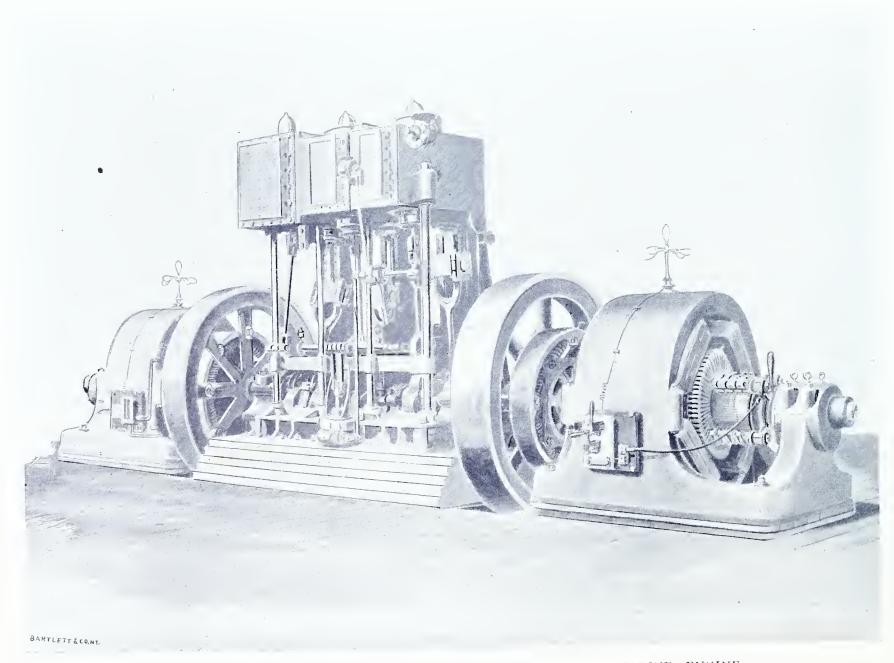
400 H. P. BELL-DRIVEN RAH,WAY GENERATOR,



700 H. P. BELT-DRIVEN RAILWAY GENERATOR.



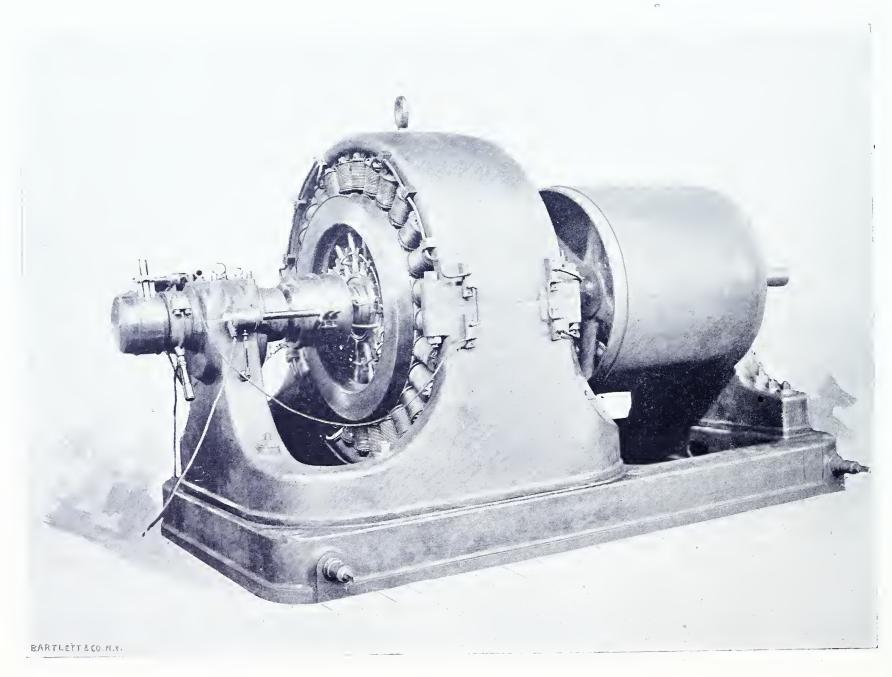
160 H. P. RAILWAY GENERATOR, DIRECT CONNECTED TO WESTINGHOUSE ENGINE.



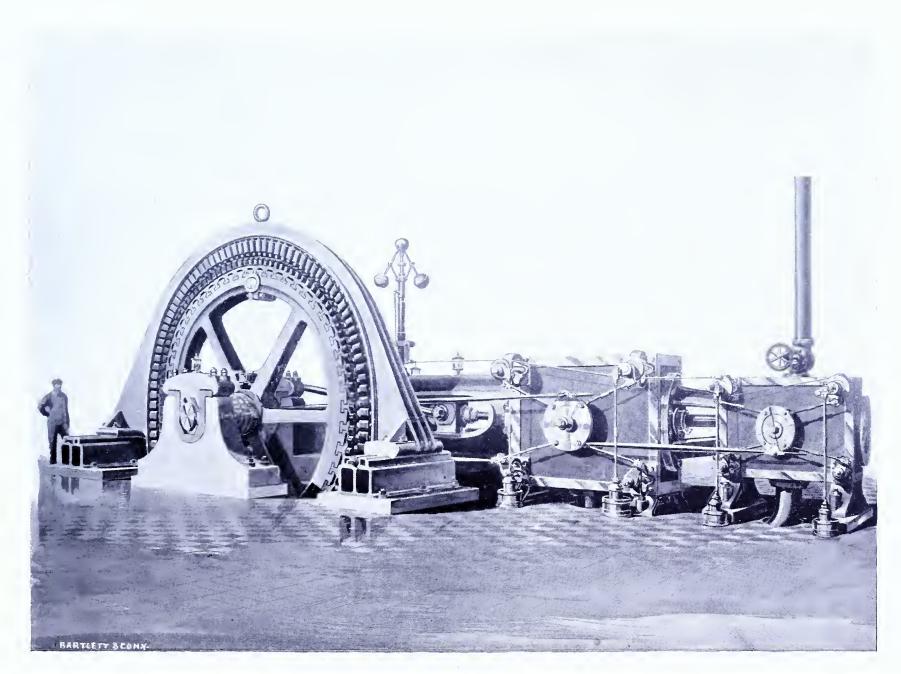
250 H. P. RAILWAY GENERATOR, DIRECT CONNECTED TO MARINE ENGINE.



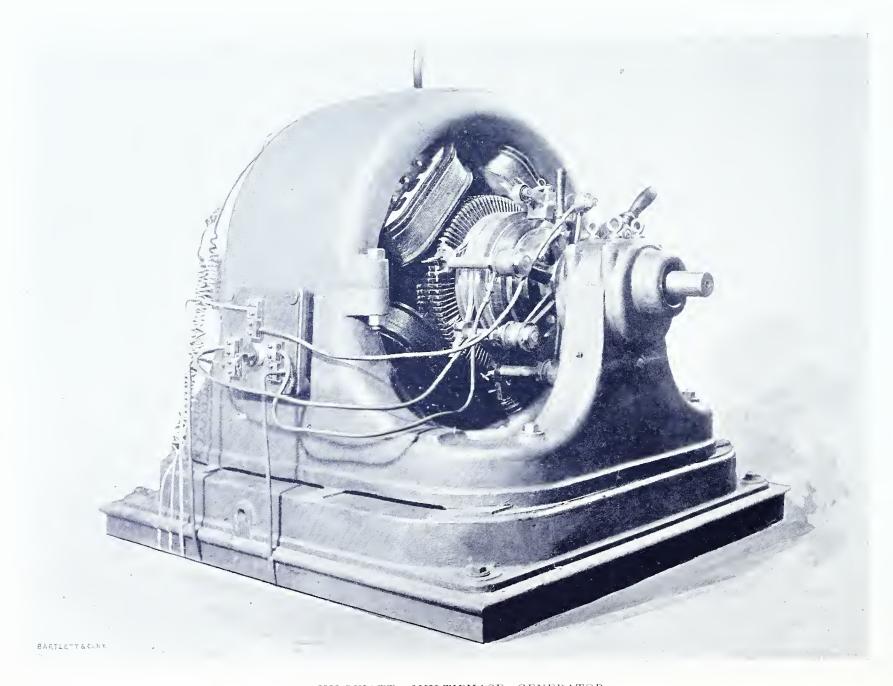
30 KILOWATT ALTERNATOR.



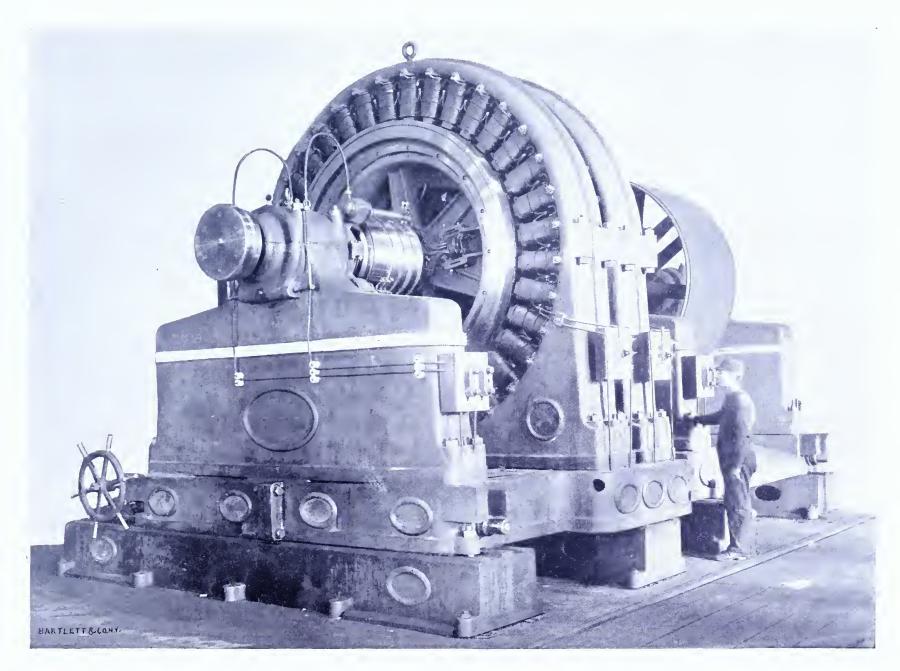
450 KILOWATT ALTERNATOR.



375 KILOWATT ALTERNATOR, DIRECT CONNECTED TO CORLISS ENGINE.



100 KILOWATT, MULTIPHASE GENERATOR.



750 KILOWATT, COLUMBIAN EXPOSITION, TWO-PHASE ALTERNATOR.



30 KILOWATT ARC ALTERNATOR.



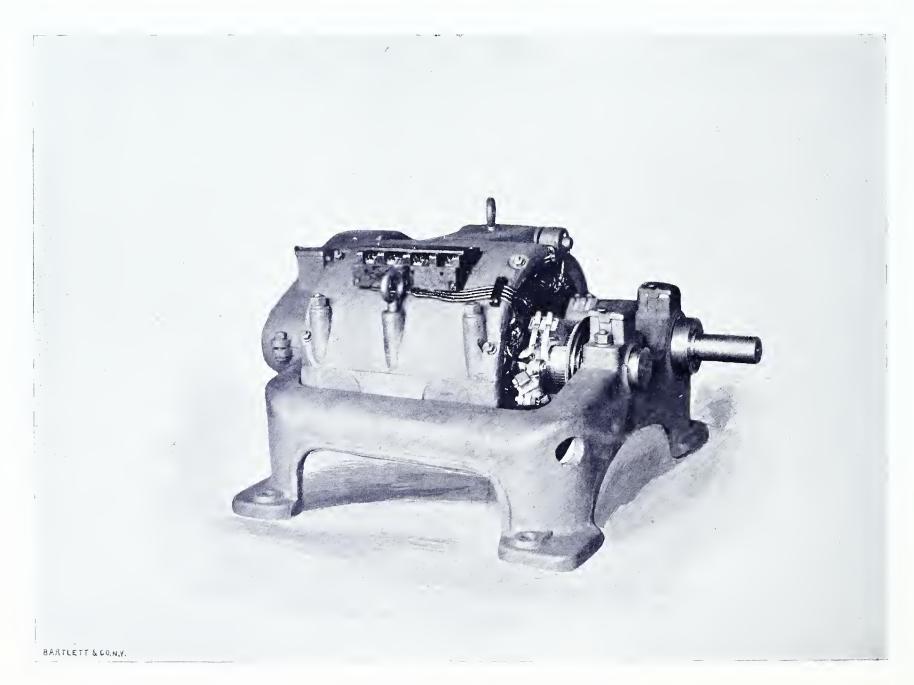
1-8 H, P. ALTERNATING CURRENT FAN MOTOR.



No. 3 SINGLE REDUCTION STREET CAR MOTOR.



No. 3 SINGLE REDUCTION STREET CAR MOTOR. (OPEN.)

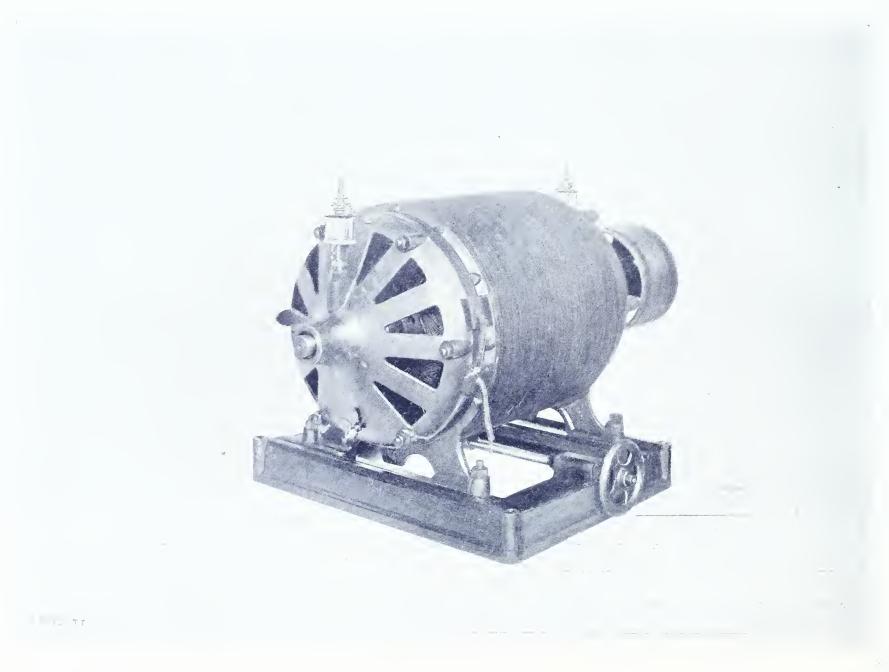


25 H. P. DIRECT CURRENT CRANE MOTOR.

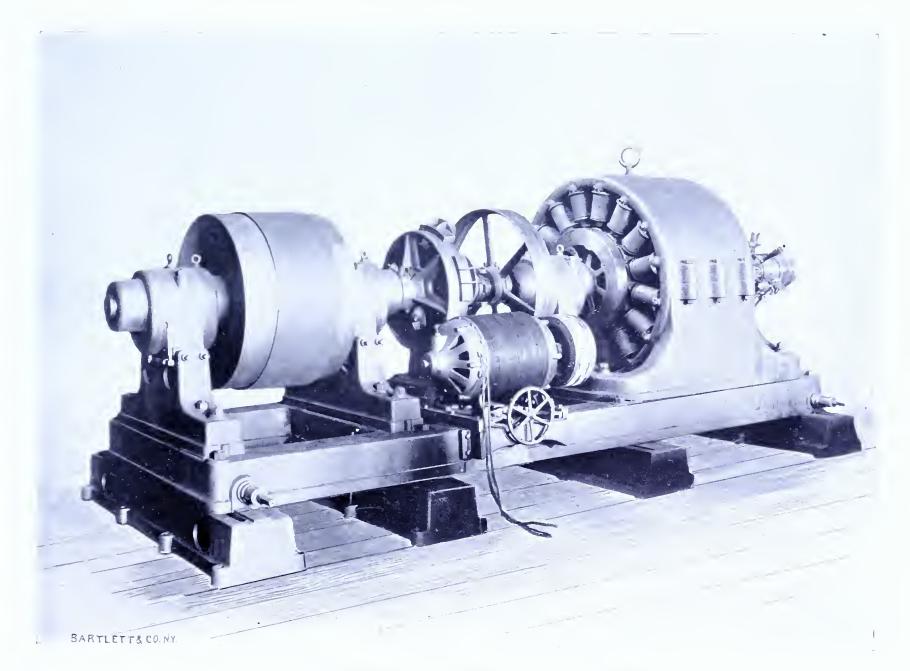


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8 H. P. DIRECT CURRENT MANCHESTER MOTOR.

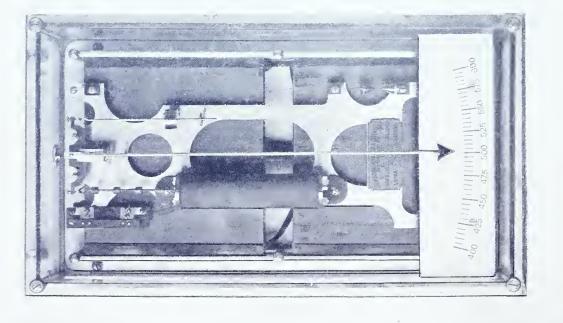


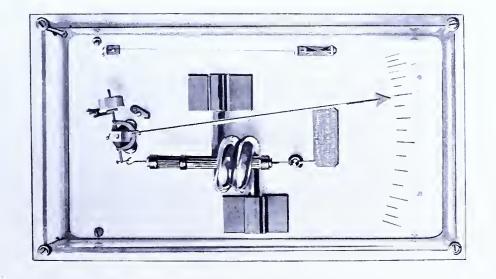
15 H. P. TESLA MOTOR.

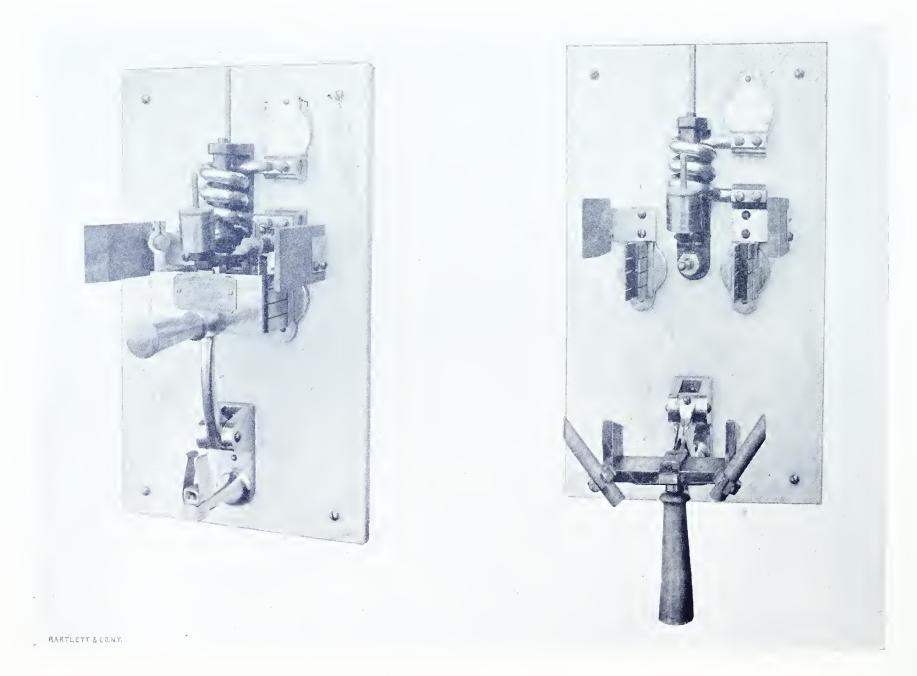


250 H. P. ALTERNATING CURRENT, SYNCHRONOUS MOTOR.

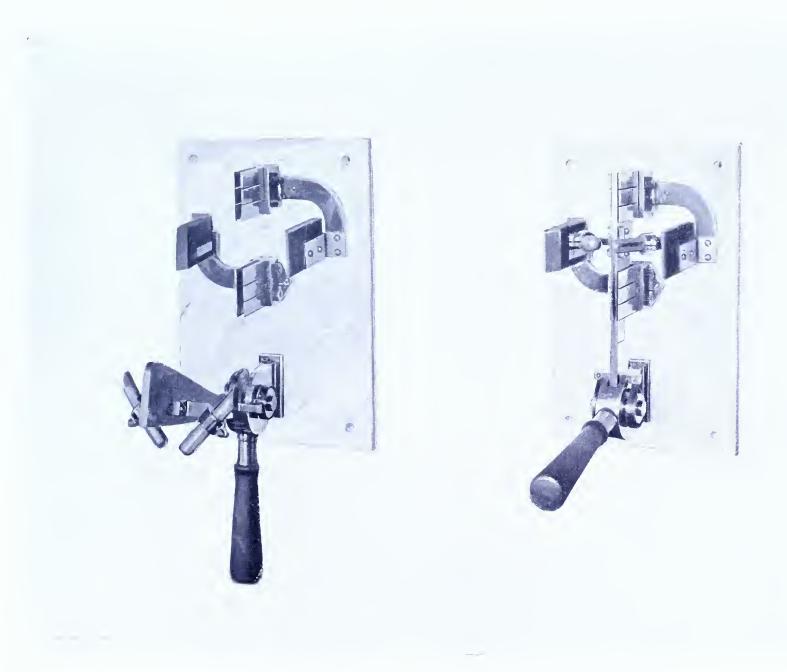
BARTLETT & CO H.Y.







DIRECT CURRENT, AUTOMATIC CIRCUIT BREAKER. (OPEN AND CLOSED.)

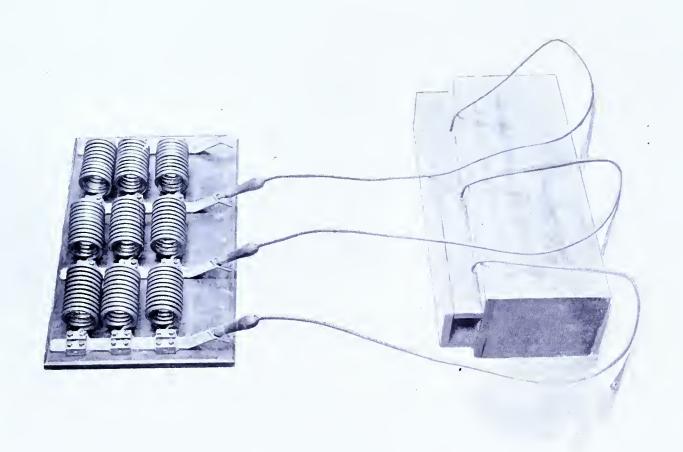


QUICK BREAK FEEDER SWITCH. (OPEN AND CLOSED.)

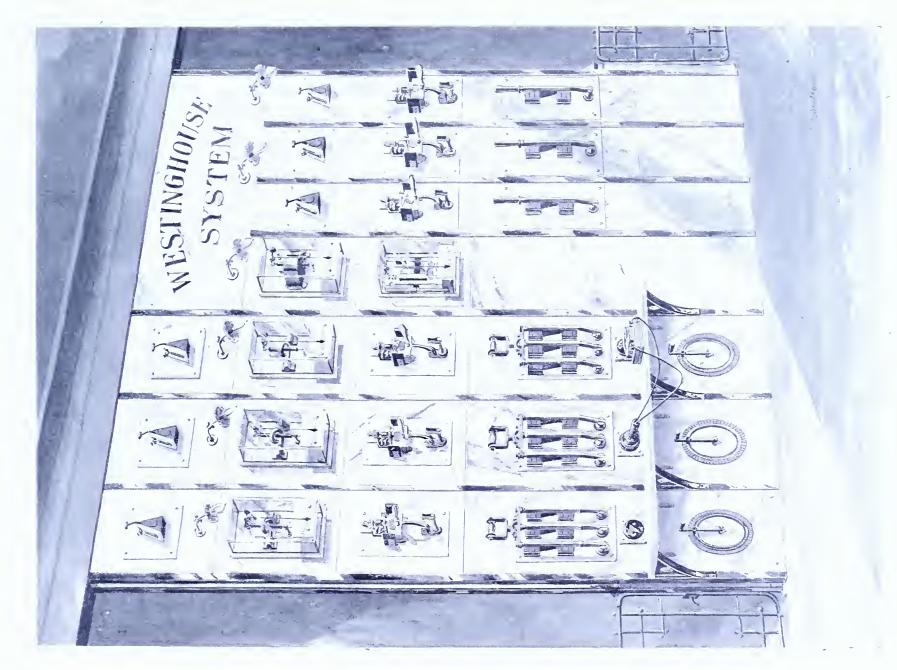


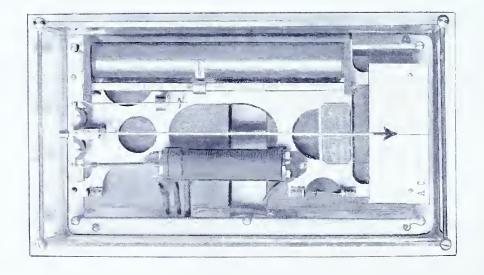
KEYSTONE LIGHTNING ARRESTER. (STATION AND LINE TYPES.)

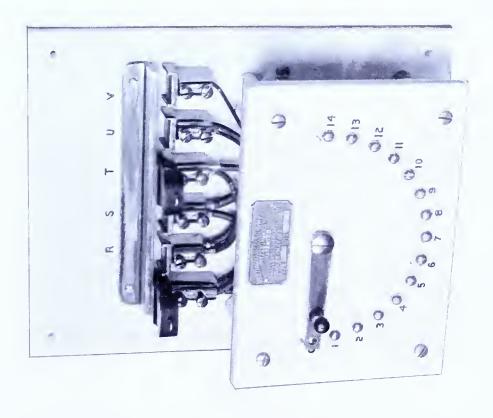


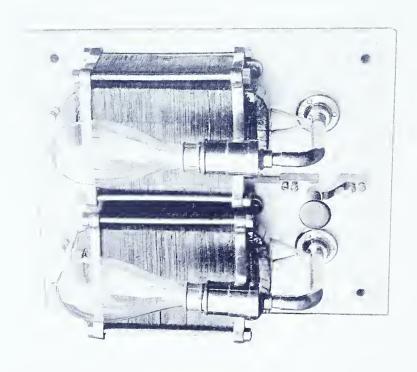


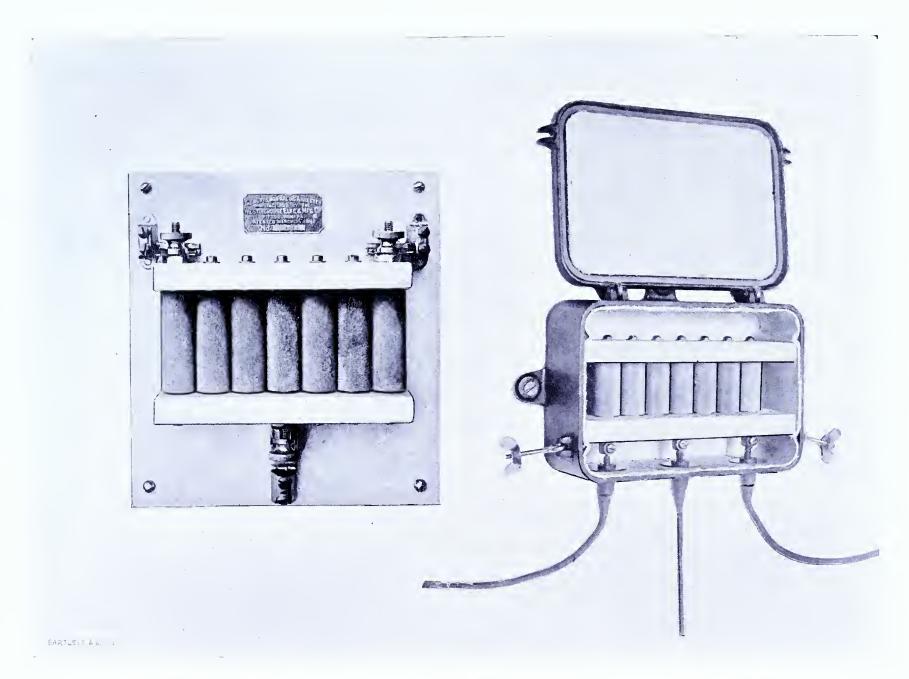




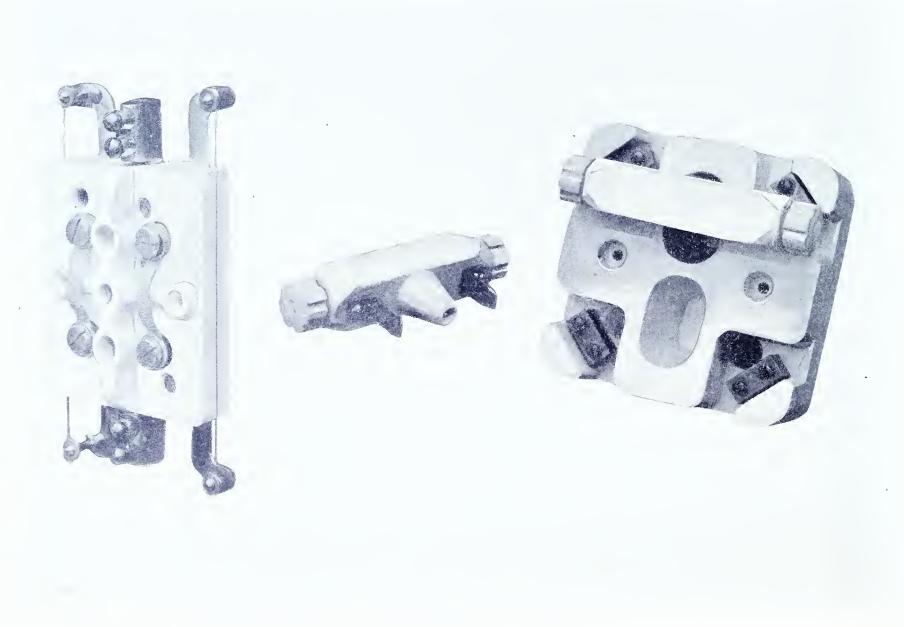




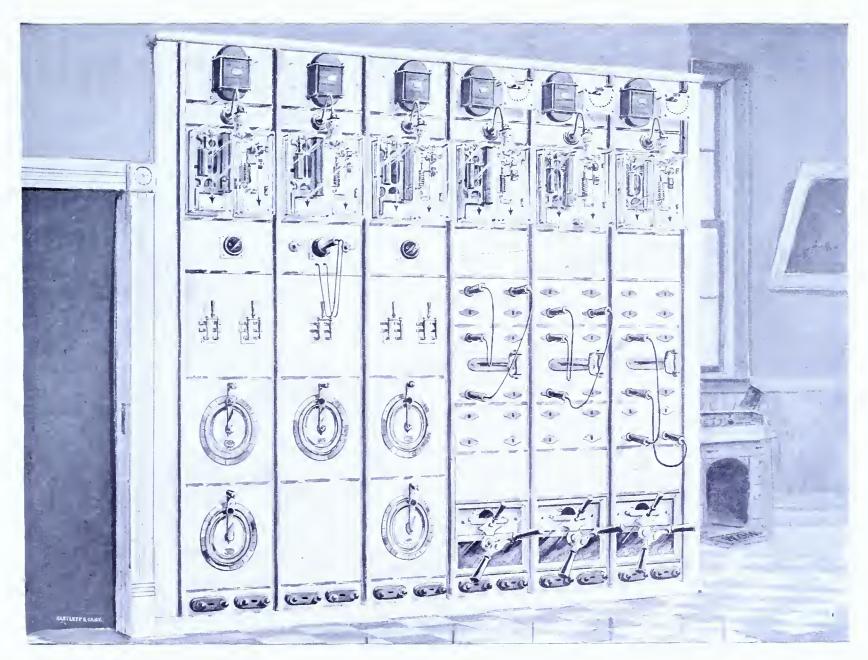




NON-ARCING METAL, DOUBLE POLE LIGHTNING ARRESTER. (STATION AND LINE TYPES.)

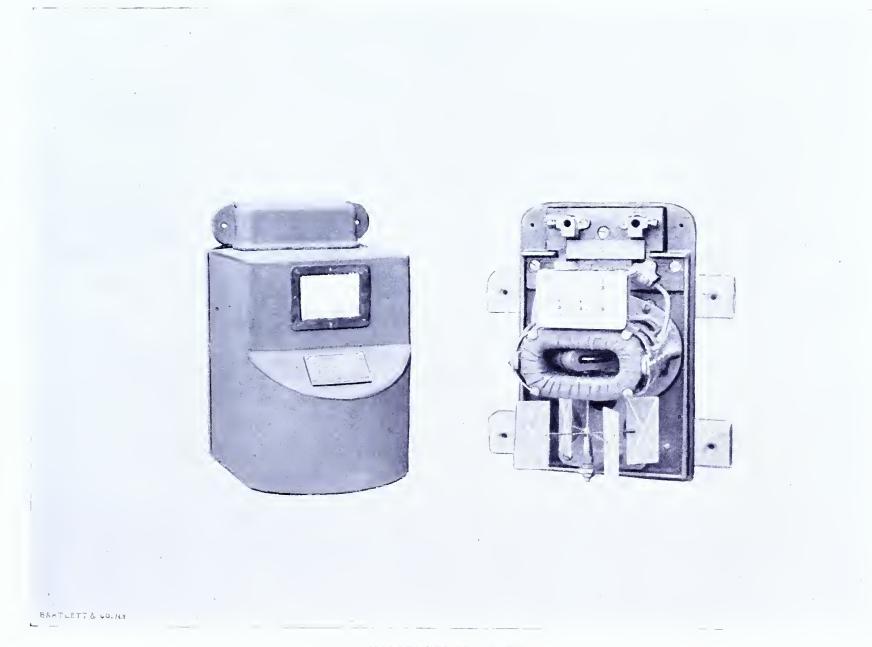


FUSE BLOCKS.

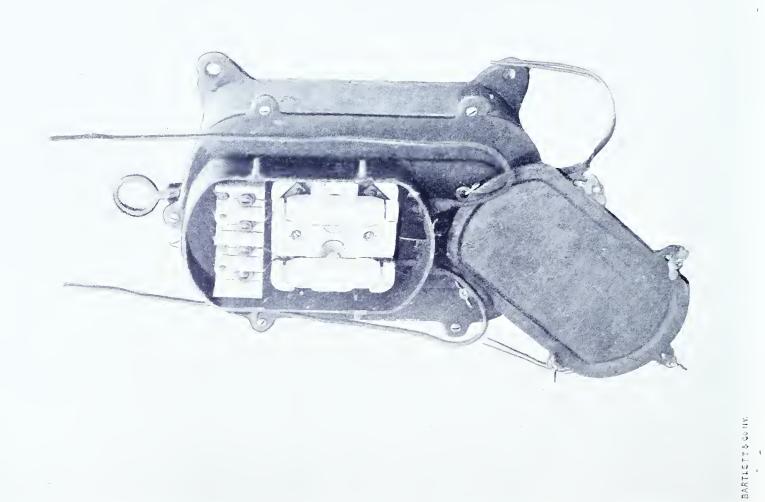


MARBLE SWITCHBOARD FOR INCANDESCENT LIGHTING STATION. (ALTERNATING CURRENTS.)

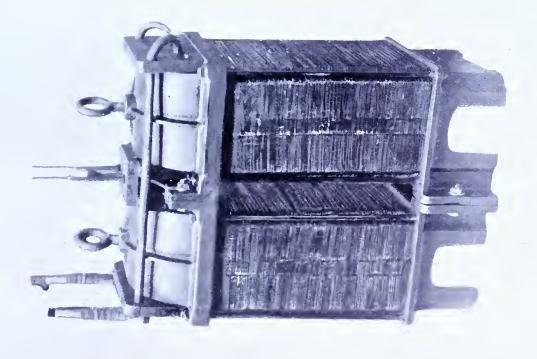




SHALLENBERGER METER.



SPECIAL CONVERTER, ONE OR TWO THOUSAND VOLTS.



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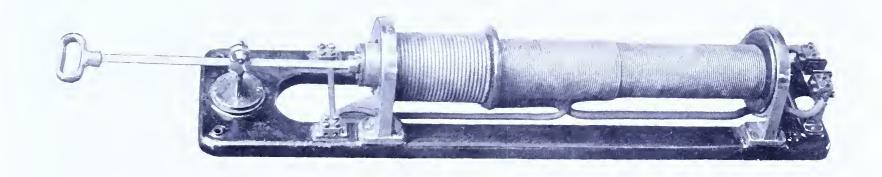


SAWYER-MAN STOPPER LAMP.



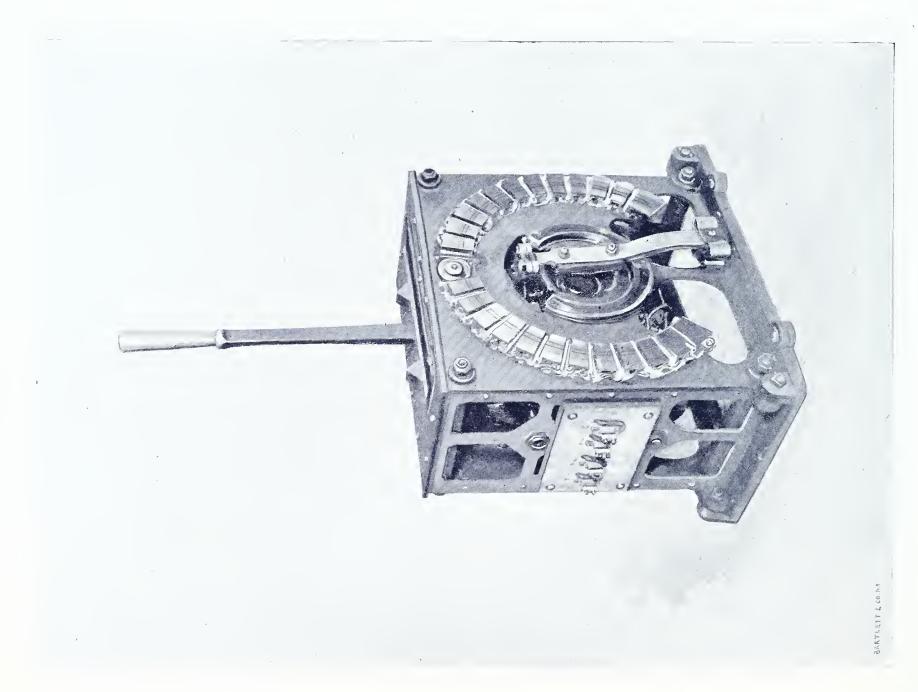
ADAPTERS FOR SAWYER-MAN STOPPER LAMP.

CONSTANT POTENTIAL ARC LAMP FOR DIRECT CURRENTS.



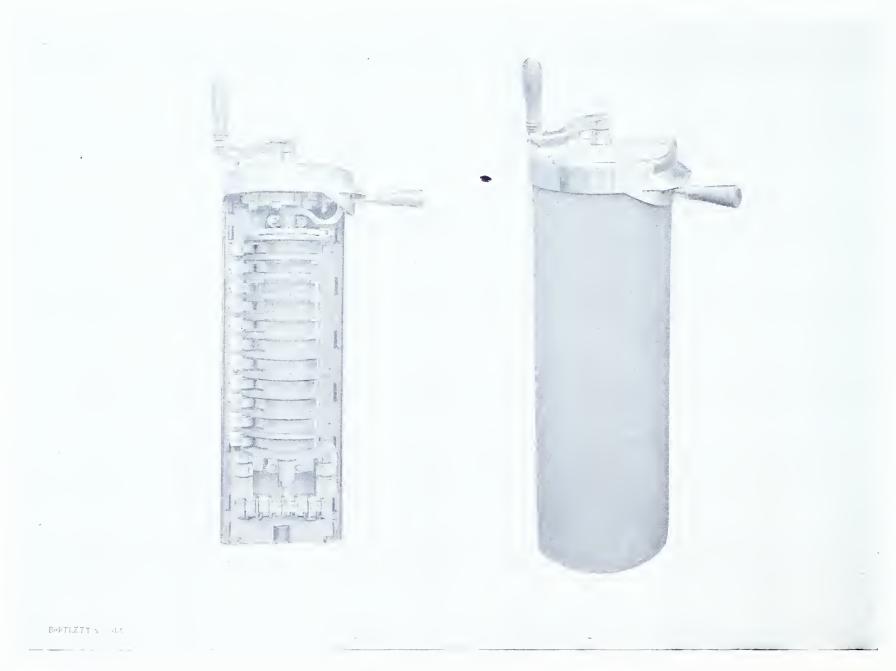
BAH LETT & COLLY

STAGE REGULATOR.





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SERIES MULTIPLE CONTROLLER FOR ELECTRIC CARS. (WITH AND WITHOUT COVER.)



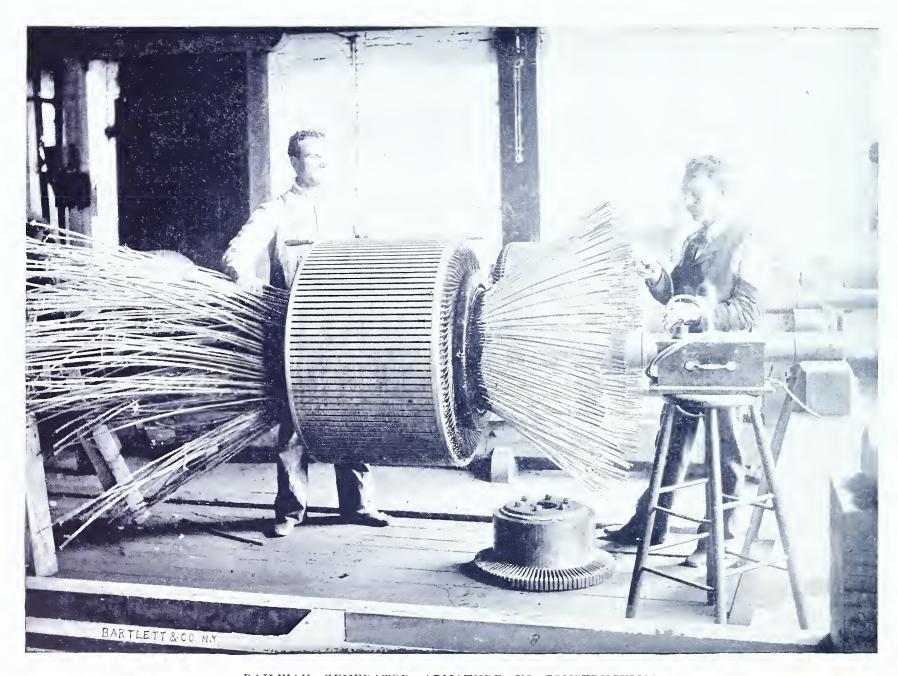
CURRENT DIVERTER.



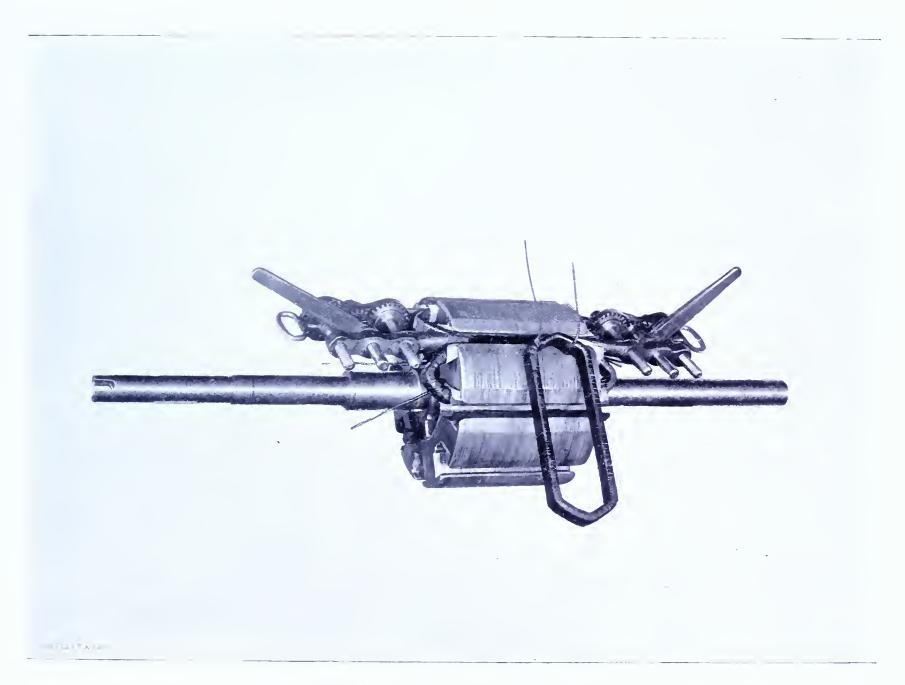
STREET CAR CANOPY SWITCH. (SHOWING DETAILS.)



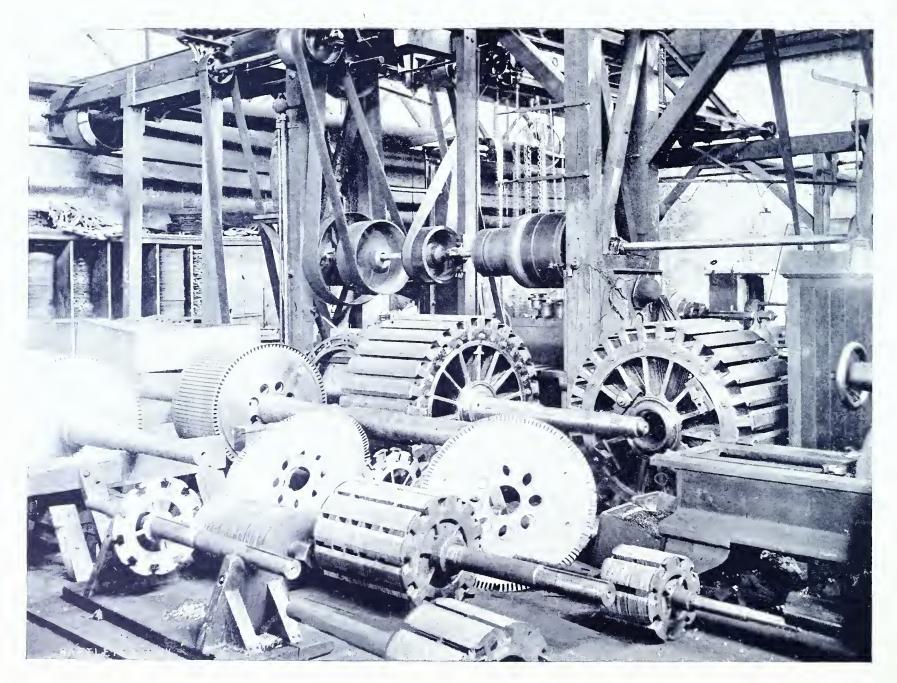
RAILWAY MOTOR ARMATURE IN CONSTRUCTION.



RAILWAY GENERATOR ARMATURE IN CONSTRUCTION.



ALTERNATOR ARMATURE IN CONSTRUCTION.



GROUP OF ARMATURE CORES.



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